



ACROSS INTERNATIONAL

Model		AT32x	AT50x	AT75X
Electrical Requirement		110/220VAC, 50/60Hz, 1-PH		220VAC, 50/60Hz, 1-PH
Output Power		3000 W		4600 W
Environmental Operation Conditions		<ul style="list-style-type: none"> Indoor use and altitude up to 2000m Temperature 5-40°C Max. relative humidity 80% for temperatures up to 30°C decreasing linearly to 50 % relative humidity at 40°C Mains supply volt fluctuations up to ±10 % of the nominal voltage Transient overvoltage up to the levels of overvoltage category II (See Note 1). Temporary overvoltage occurring on the mains supply. Applicable pollution degree of the intended environment (pollution degree 2 in most cases (See Note 2). <p>Note 1: These levels of transient overvoltage are typical for equipment supplied from the building wiring.</p> <p>Note 2: Manufacturers may specify more restricted environmental conditions for operation, nevertheless the equipment must be safe within these normal environmental conditions.</p>		
Chamber	Size (WXDXH)	18 x 18 x 18"	19.75 x 21.5 x 19.75"	22 x 23.5 x 25 "
	Material	Stainless Steel		
	Capacity	3.2 Cu Ft	5 Cu Ft	7.5 Cu Ft
Temperature Controller	Controller	3 rd gen low proportional gain, microcomputer PID controlled with LCD		
	Range	Ambient to 480°F (248°C)		
	Display Units	F or C		
	Accuracy	± 1		
	Uniformity	±7 % of set point		
	Dwelling Time	1 to 9999 minutes		
	Warm up to 100F	45 minutes		
Vacuum		Ultimate vacuum level: better than 500 microns/millitorrs (may vary based on your altitude) Mechanical vacuum gauge range: 0 to 30" mercury Mechanical vacuum gauge type: oil-filled Vacuum port: KF25 flange x 1 Vent port: KF25 flange x 1		
Door gasket material		Silicone or Viton (Optional)		
Observation Window		½" tempered safety glass		
Shelves	Included with oven purchase	7 aluminum pan-shaped shelves		9 aluminum pan-shaped shelves
	Size (WXDXH)	17.5 x 17.25"X0.5"	19.25 X 21 X 0.5"	21.75 X 23 X 0.5"
	Distance between shelves	1.25"		
In door light		White LED (pre-installed)		
Unit Weight		260Lbs	390 lbs	450
Shipping Weight		400Lbs	640 lbs	765
Unit Dimensions		30.5 x 24 x 29"	32.25 x 28 x 30	37 x 33.5 x 38
Shipping Dimensions		36 x 33 x 35"	40 x 39 x 43	43 x 40 x 46
Safety		Built-in circuit breaker, controller overheat protection, secondary over-temp protection dial		
Warranty		2 Years		



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Model	AT160x-UL
Electrical Requirements	220V +/-10% 50/60Hz 1-PH 27A, 6,000 watts
Chamber	Size: 25.6 x 30 x 35.5" Material: Stainless steel Capacity: 16 cubic feet
Heater	5-sided heating (left 900W, right 900W, top 900W, bottom 900W, back 250W x 4)
Temperature Control	Controller: low proportional gain, microcomputer PID controlled with LCD display Range: ambient to 250°C (480°F) Display units: Fahrenheit or Celsius Uniformity: ± 7% of setpoint Dwelling timer range: 1 to 9999 minutes Heating speed <ul style="list-style-type: none">• Ambient to 100°C: 40 mins• Ambient to 150°C: 1 hour• Ambient to 200°C: 2 hours• Ambient to 250°C: 2.5 hours
Vacuum	Ultimate vacuum level: better than 500 microns/millitorrs (may vary based on your altitude) Mechanical gauge range: 0 to 30 inch mercury Vacuum port: KF25 flange Vent port: KF25 flange Vacuum pump: Sold separately
Weight	Unit: 800 Lbs, shipping: 1320 Lbs
Dimensions	Unit: 44 x 38 x 51.5" Shipping: 50 x 47 x 59"
Shelves	Shelf size: 25 x 30" (WxDxH) Material: aluminum Style: pan-shape Capacity: 26 shelves max. Comes standard with oven purchase: 13 shelves Total area with 26 shelves: 89 sq ft or 12,857 sq inch Distance between the most adjacent shelves: 1.25 inches
Door Gasket Material	Silicone or Viton
Observation window	1/2" tempered safety glass
Safety	Built-in circuit breaker Overheat shutoff protection Secondary over-temp protection dial
In-Door Lights	White LED (pre-installed)
Compliance	ETL certified to UL and CSA standards
Warranty	2 years